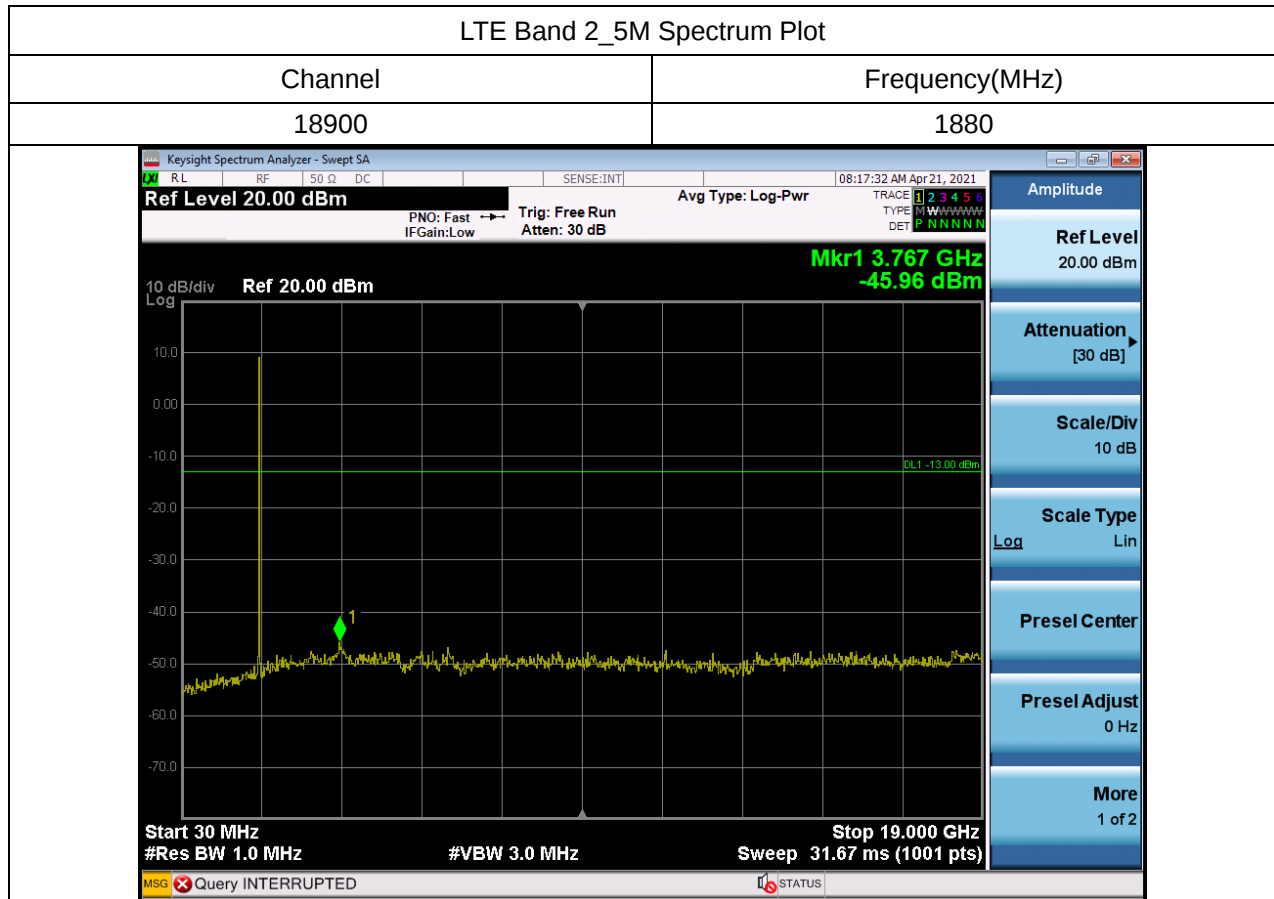
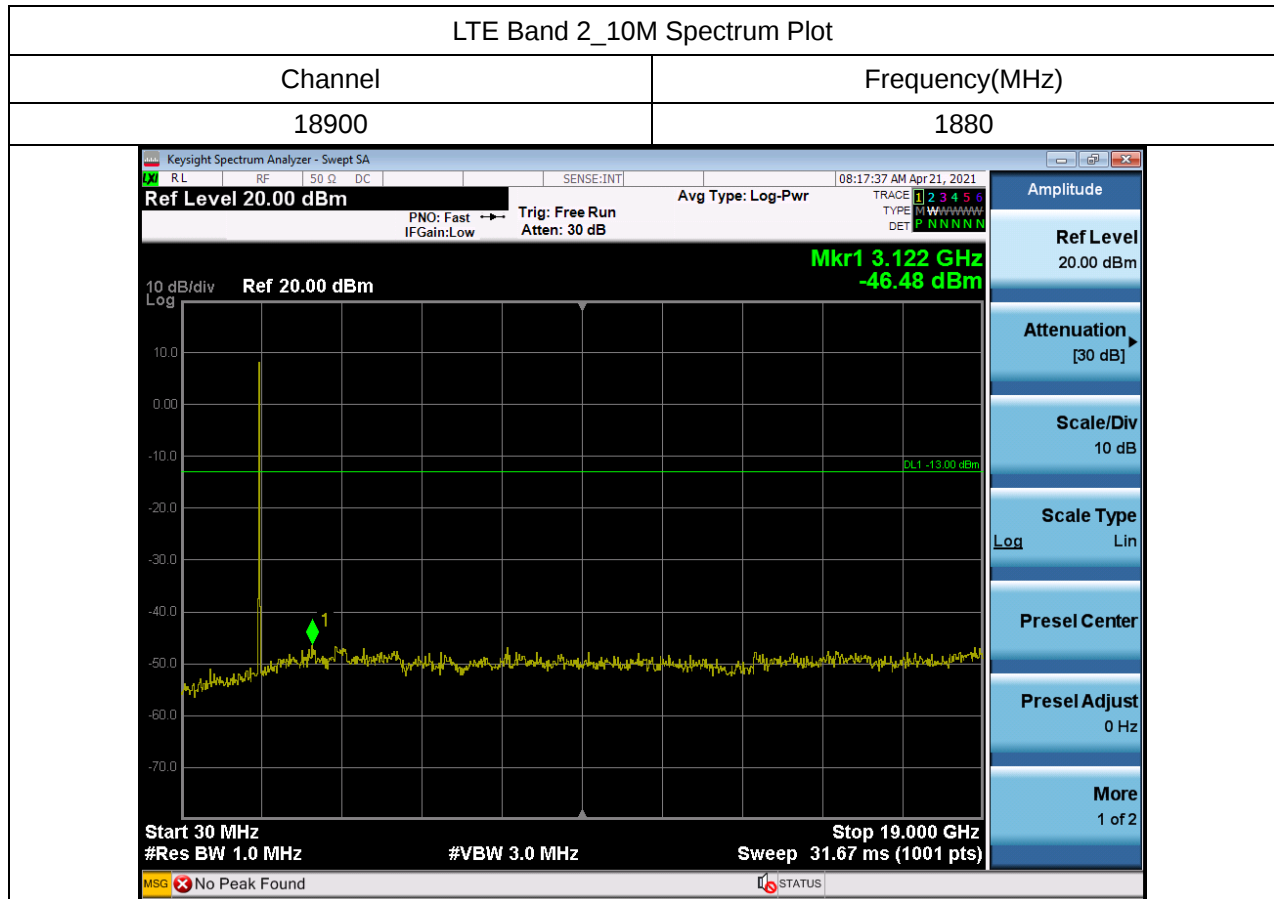
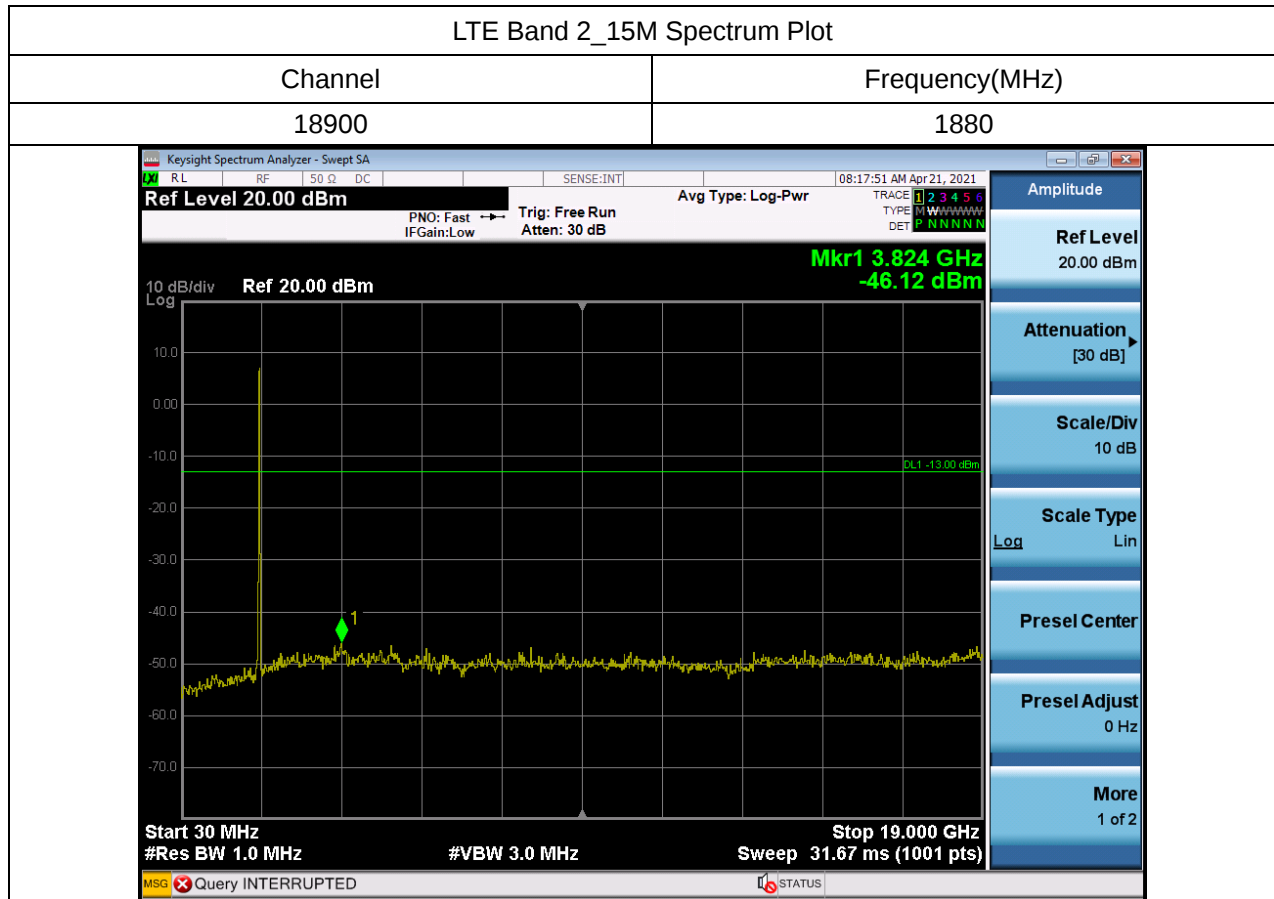
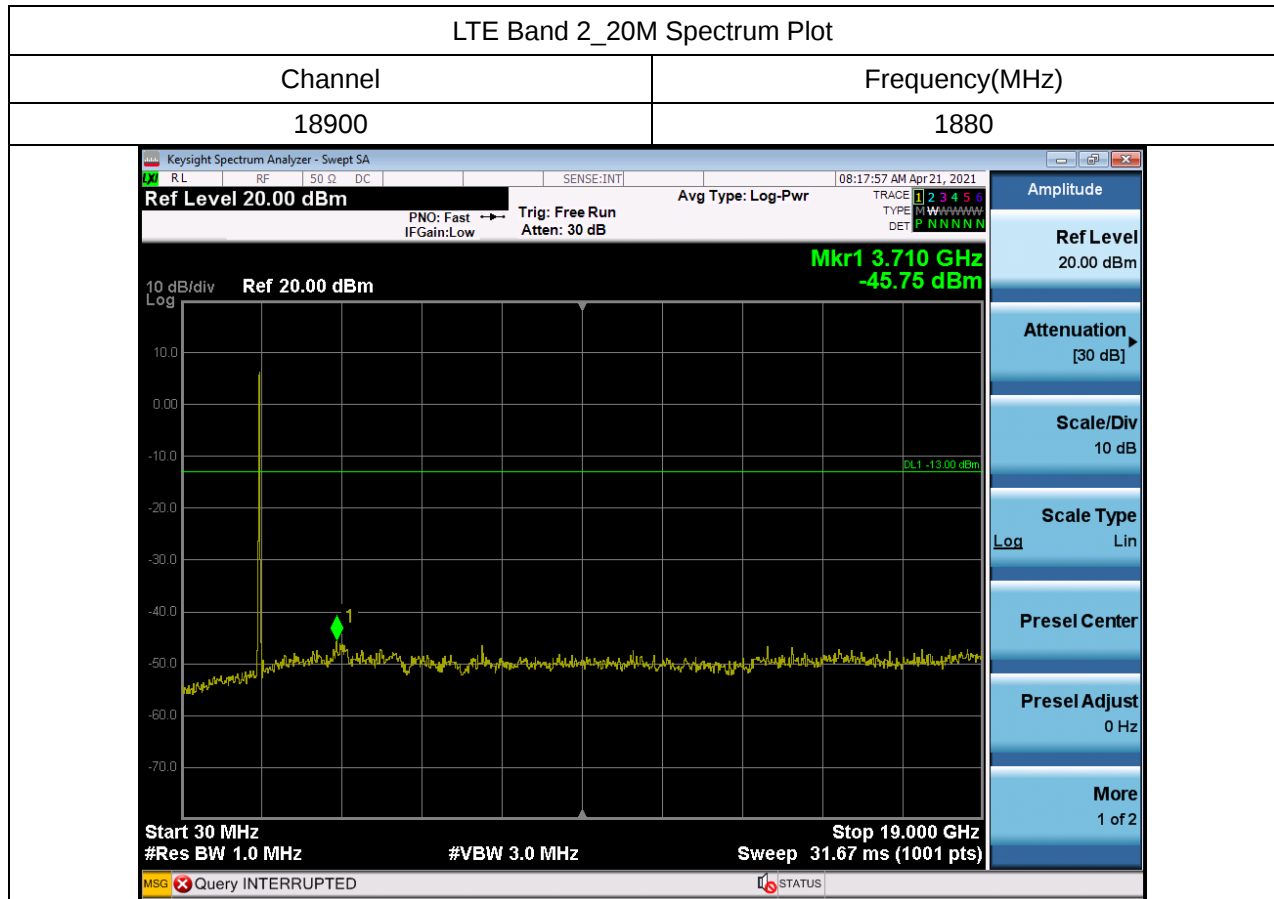






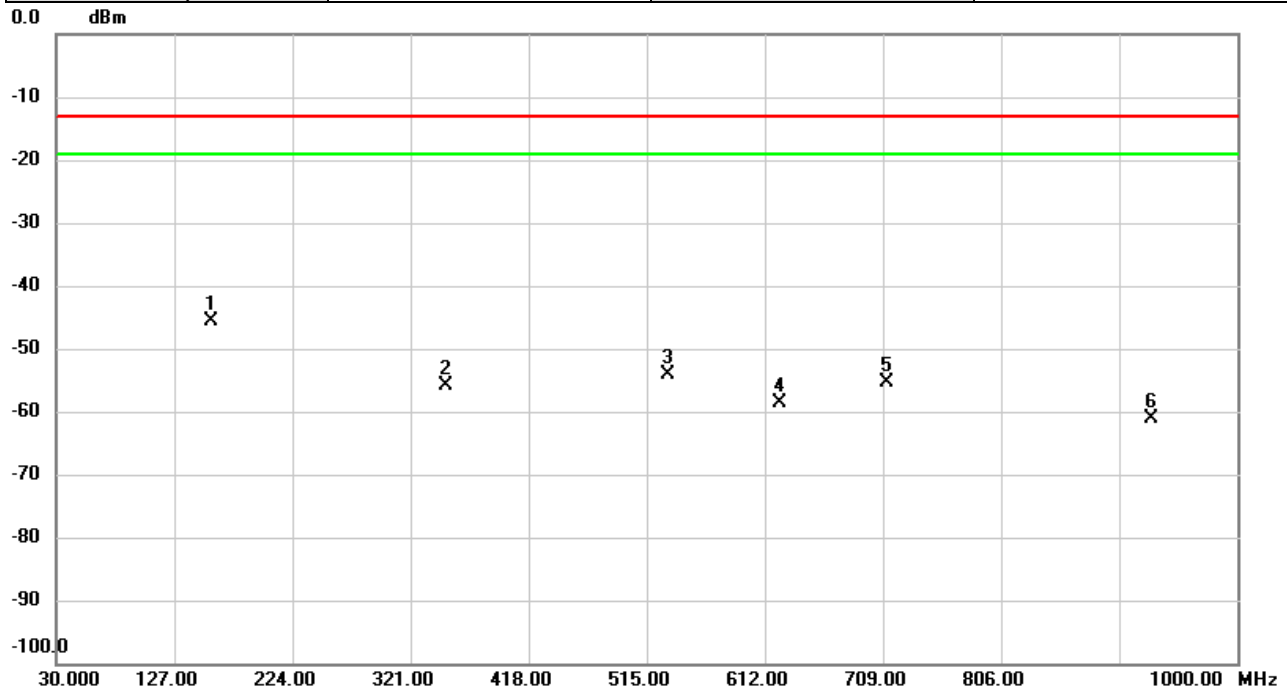




APPENDIX D RADIATED SPURIOUS EMISSIONS

For External antenna:

Test Mode	WCDMA Band II	Test Date	2021/4/20
Test Channel	CH 9800	Polarization	Vertical
Temp	22°C	Hum.	61%

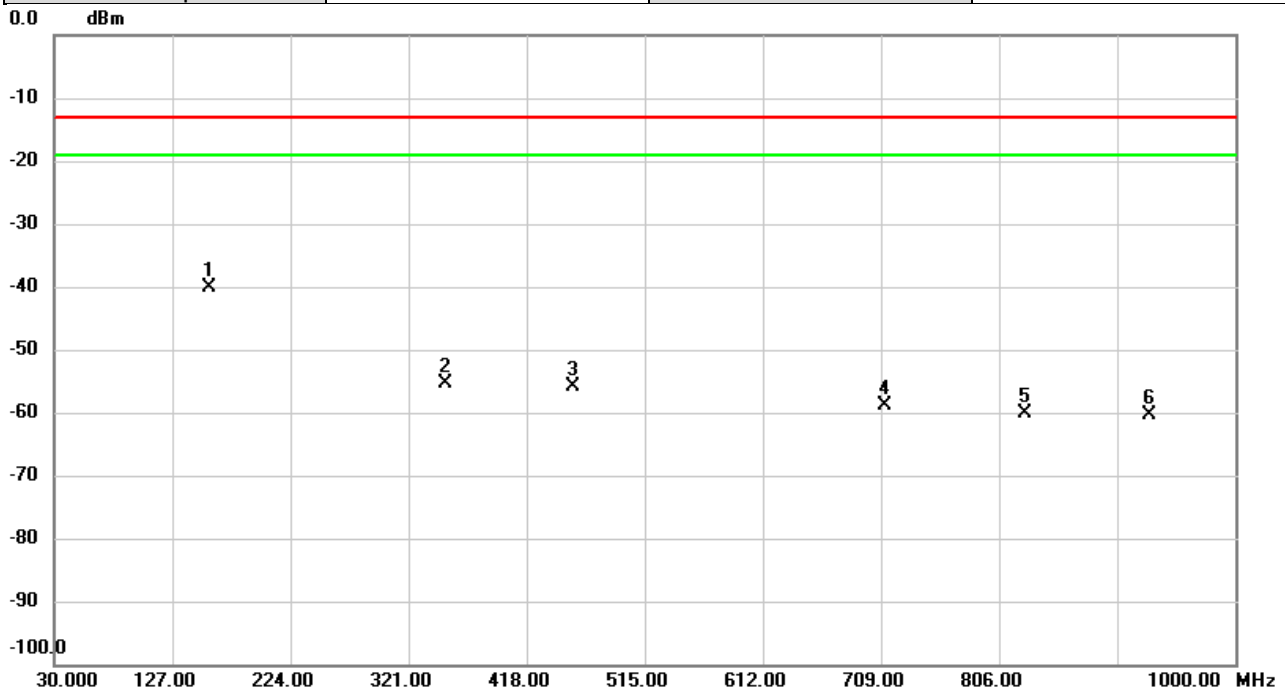


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	157.5873	-49.16	3.46	-45.70	-13.00	-32.70	peak	
2		350.6172	-62.35	6.59	-55.76	-13.00	-42.76	peak	
3		532.3630	-61.29	7.20	-54.09	-13.00	-41.09	peak	
4		624.0280	-71.10	12.41	-58.69	-13.00	-45.69	peak	
5		712.7183	-67.64	12.38	-55.26	-13.00	-42.26	peak	
6		929.9337	-72.98	11.88	-61.10	-13.00	-48.10	peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	WCDMA Band II	Test Date	2021/4/20
Test Channel	CH 9800	Polarization	Horizontal
Temp	22°C	Hum.	61%

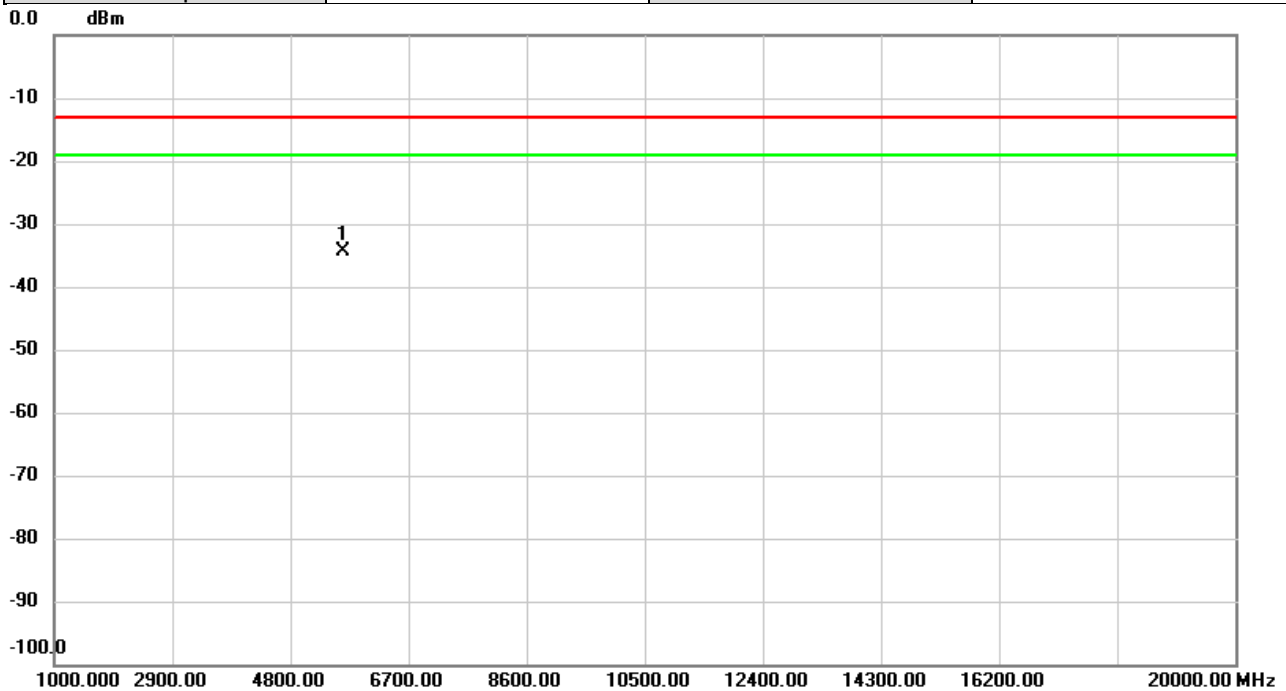


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	157.6196	-42.75	2.70	-40.05	-13.00	-27.05	peak	
2		351.0053	-59.48	4.12	-55.36	-13.00	-42.36	peak	
3		456.0563	-68.18	12.40	-55.78	-13.00	-42.78	peak	
4		711.8130	-68.94	10.18	-58.76	-13.00	-45.76	peak	
5		827.5016	-75.90	15.87	-60.03	-13.00	-47.03	peak	
6		929.9336	-74.46	14.00	-60.46	-13.00	-47.46	peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	WCDMA Band II	Test Date	2021/4/20
Test Channel	CH 9800	Polarization	Vertical
Temp	22°C	Hum.	61%

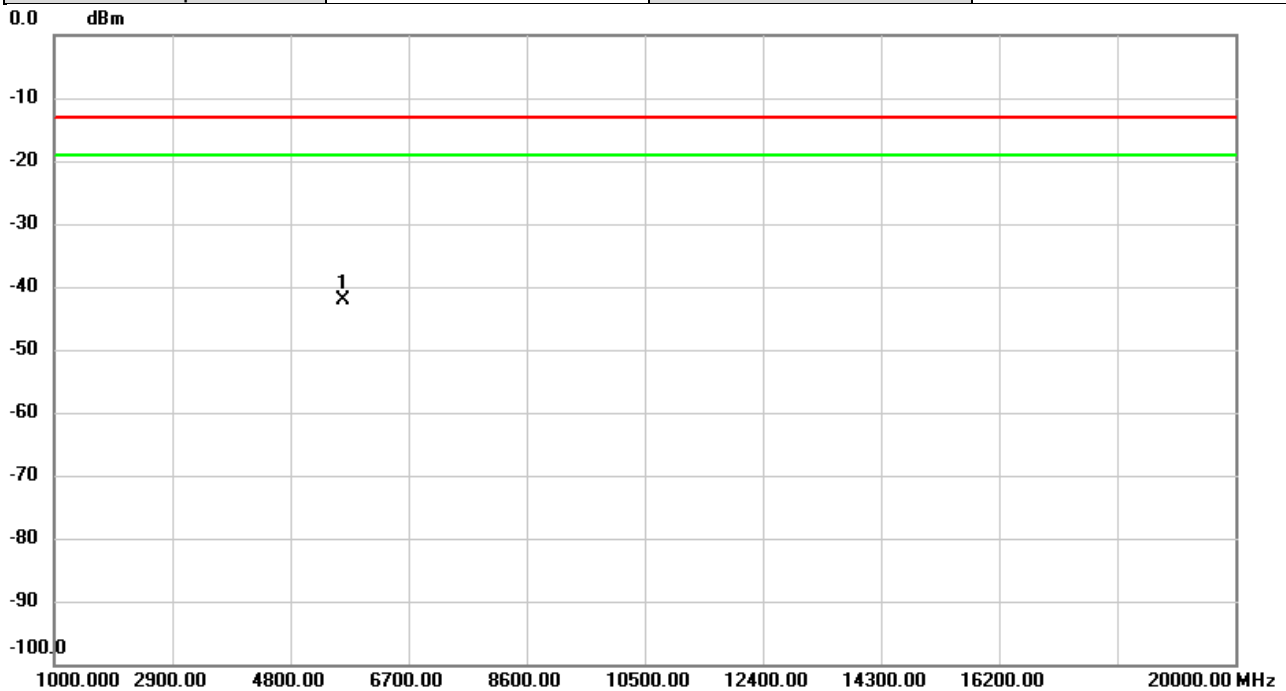


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	5644.233	-36.66	2.37	-34.29	-13.00	-21.29	peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	WCDMA Band II	Test Date	2021/4/20
Test Channel	CH 9800	Polarization	Horizontal
Temp	22°C	Hum.	61%

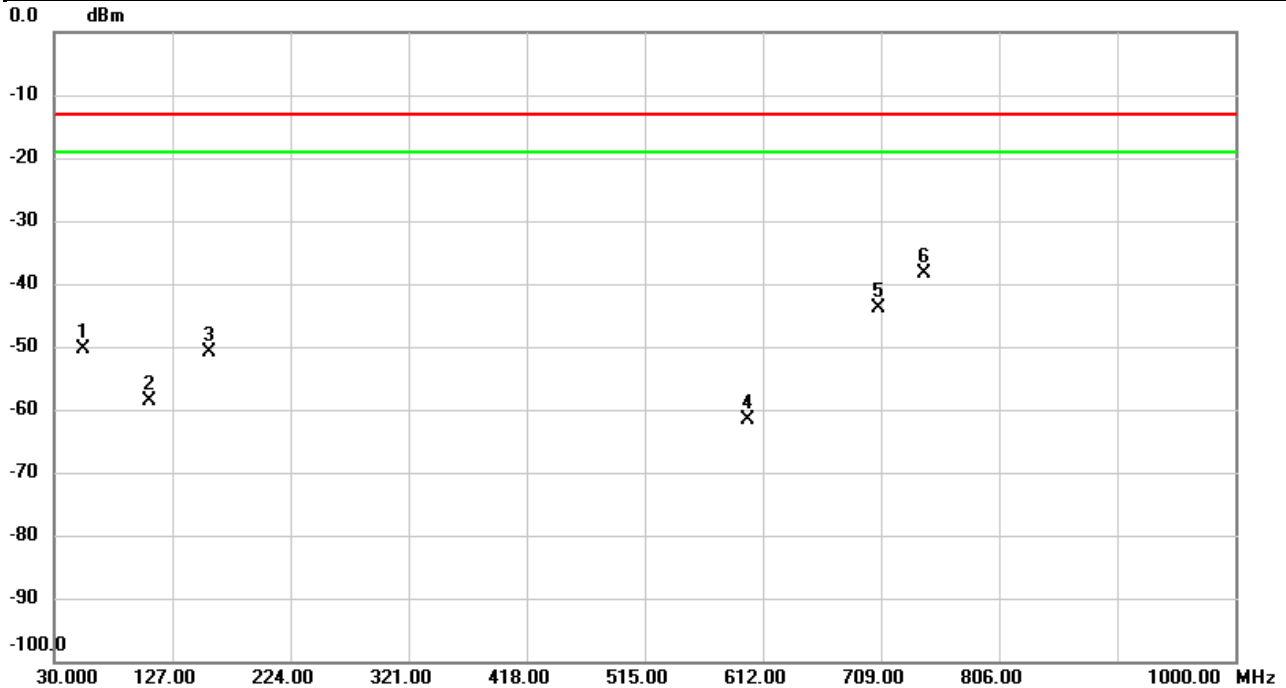


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	5643.600	-44.85	2.75	-42.10	-13.00	-29.10	peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	LTE Band 2	Test Date	2021/4/15
Test Channel	CH 18900	Polarization	Vertical
Temp	22°C	Hum.	61%

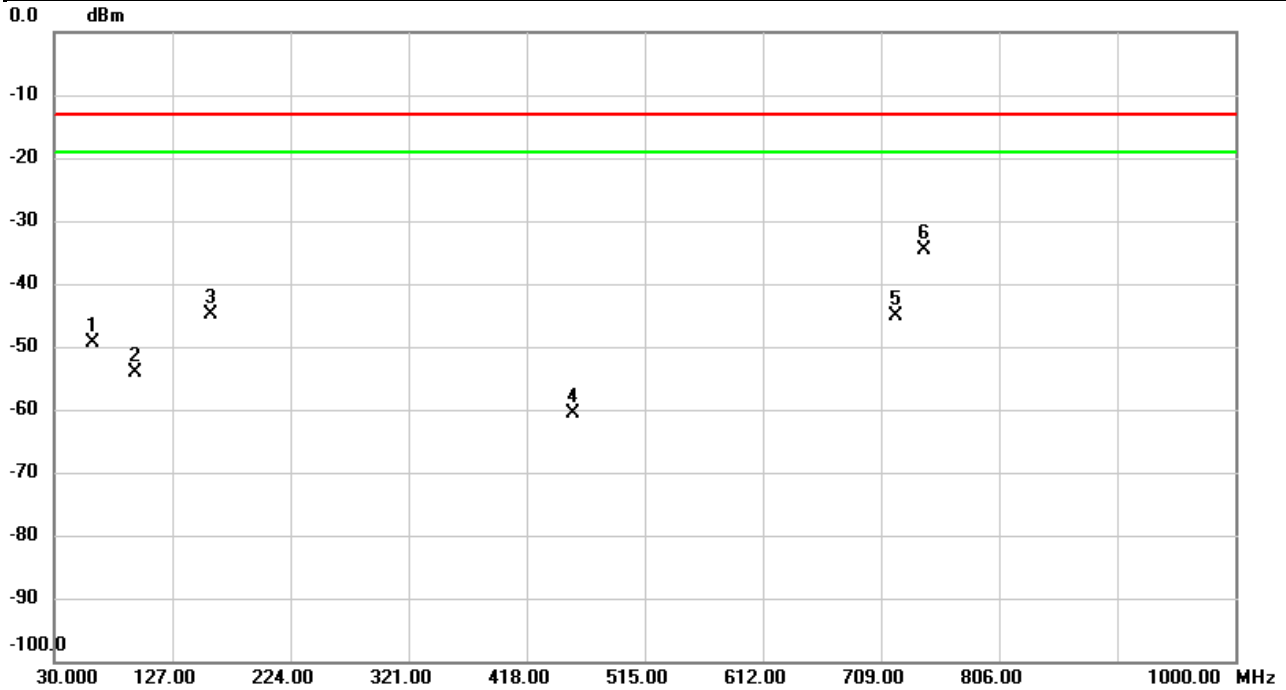


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		54.2500	-49.86	-0.49	-50.35	-13.00	-37.35	peak	
2		108.8287	-58.91	0.31	-58.60	-13.00	-45.60	peak	
3		157.6197	-54.22	3.46	-50.76	-13.00	-37.76	peak	
4		600.0367	-73.88	12.15	-61.73	-13.00	-48.73	peak	
5		706.5750	-56.47	12.52	-43.95	-13.00	-30.95	peak	
6	*	744.7283	-50.14	11.68	-38.46	-13.00	-25.46	peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	LTE Band 2	Test Date	2021/4/15
Test Channel	CH 18900	Polarization	Horizontal
Temp	22°C	Hum.	61%

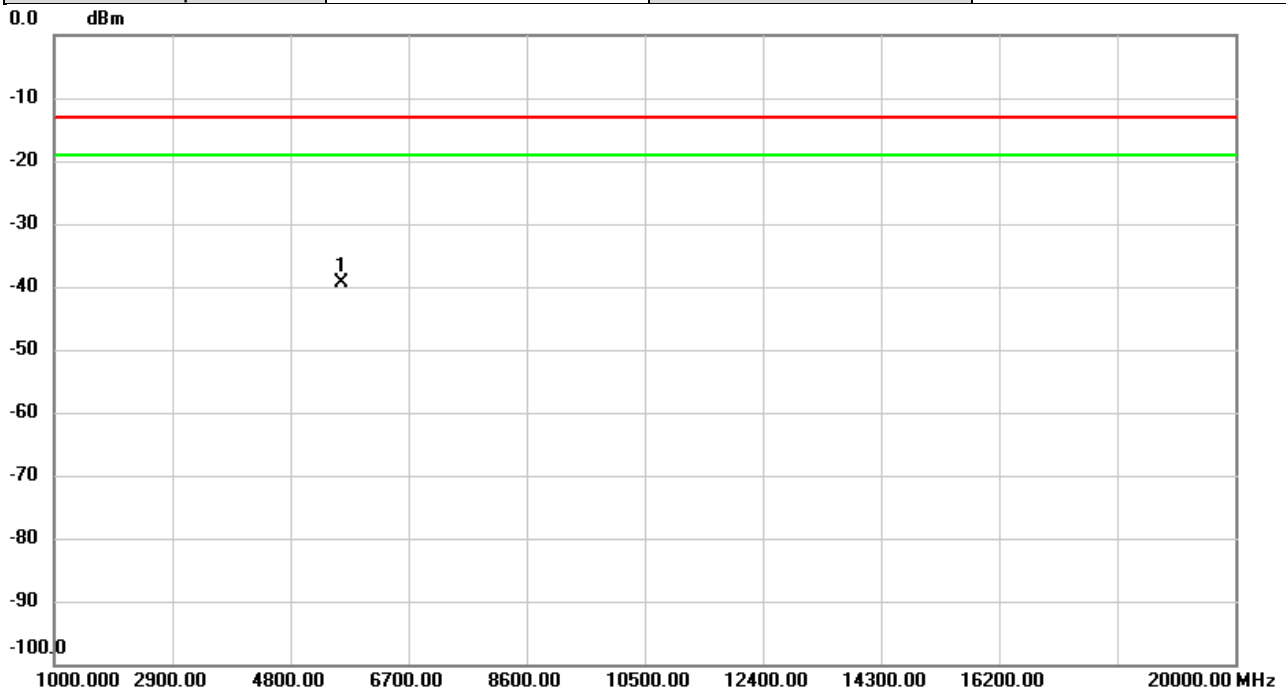


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		61.8483	-55.89	6.46	-49.43	-13.00	-36.43	peak	
2		96.7360	-57.58	3.46	-54.12	-13.00	-41.12	peak	
3		158.8483	-47.49	2.67	-44.82	-13.00	-31.82	peak	
4		456.0563	-72.93	12.40	-60.53	-13.00	-47.53	peak	
5		721.9010	-55.96	10.86	-45.10	-13.00	-32.10	peak	
6	*	744.4373	-46.88	12.38	-34.50	-13.00	-21.50	peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	LTE Band 2	Test Date	2021/4/15
Test Channel	CH 18900	Polarization	Vertical
Temp	22°C	Hum.	61%

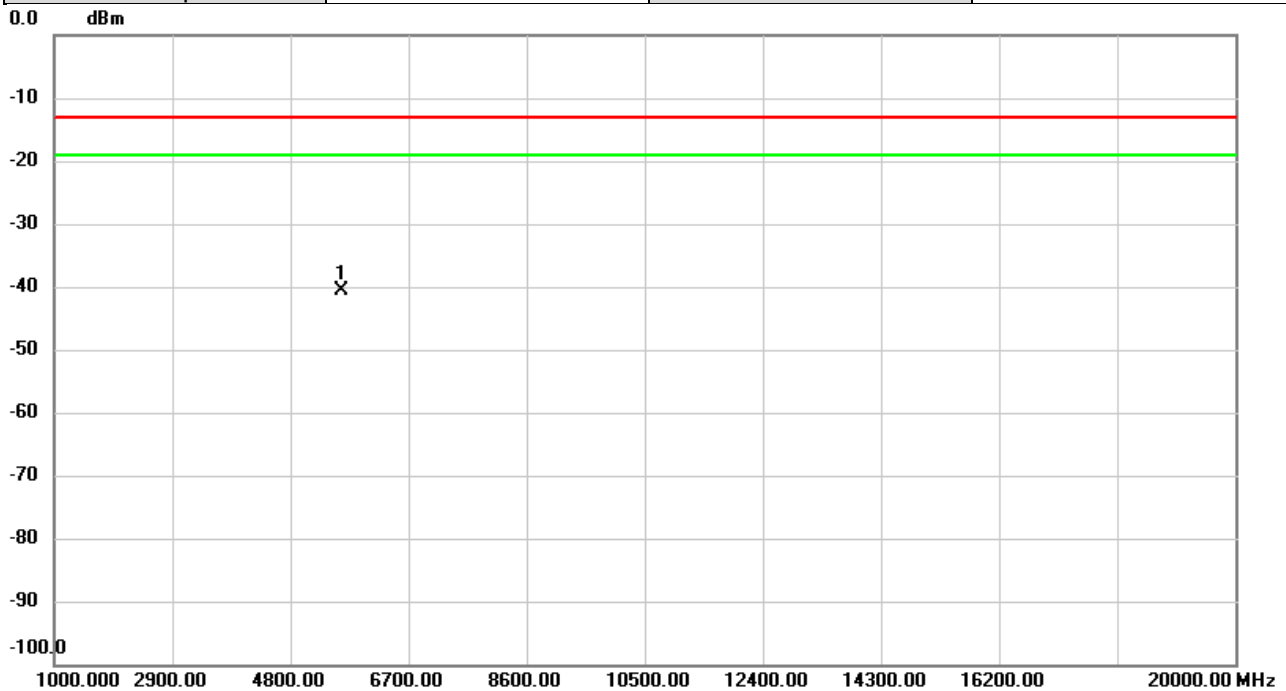


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	5613.833	-42.19	2.82	-39.37	-13.00	-26.37	peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	LTE Band 2	Test Date	2021/4/15
Test Channel	CH 18900	Polarization	Horizontal
Temp	22°C	Hum.	61%



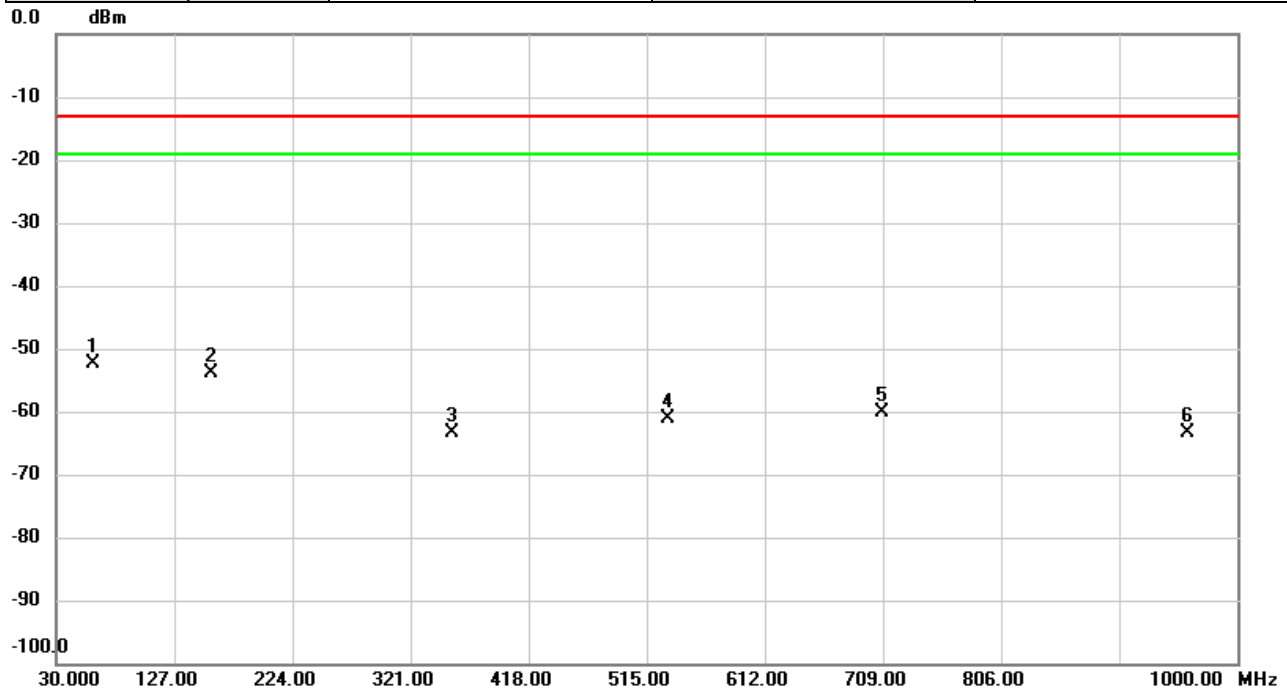
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	5613.200	-43.94	3.20	-40.74	-13.00	-27.74	peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

For Built-in antenna:

Test Mode	WCDMA Band II	Test Date	2021/5/8
Test Channel	CH 9800	Polarization	Vertical
Temp	24°C	Hum.	58%

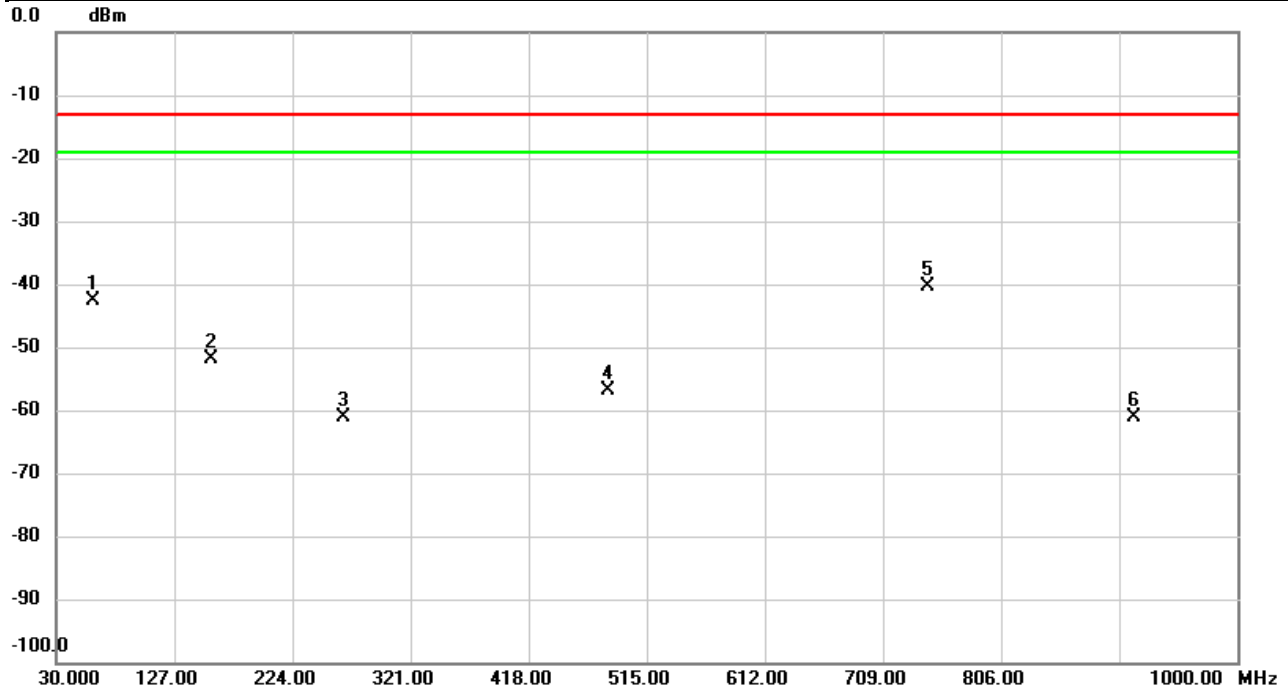


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	59.9730	-51.12	-1.33	-52.45	-13.00	-39.45	peak	
2		157.7167	-57.38	3.47	-53.91	-13.00	-40.91	peak	
3		355.0793	-69.56	6.21	-63.35	-13.00	-50.35	peak	
4		532.7510	-68.25	7.24	-61.01	-13.00	-48.01	peak	
5		708.5797	-72.60	12.47	-60.13	-13.00	-47.13	peak	
6		959.6803	-76.31	13.04	-63.27	-13.00	-50.27	peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	WCDMA Band II	Test Date	2021/5/8
Test Channel	CH 9800	Polarization	Horizontal
Temp	24°C	Hum.	58%

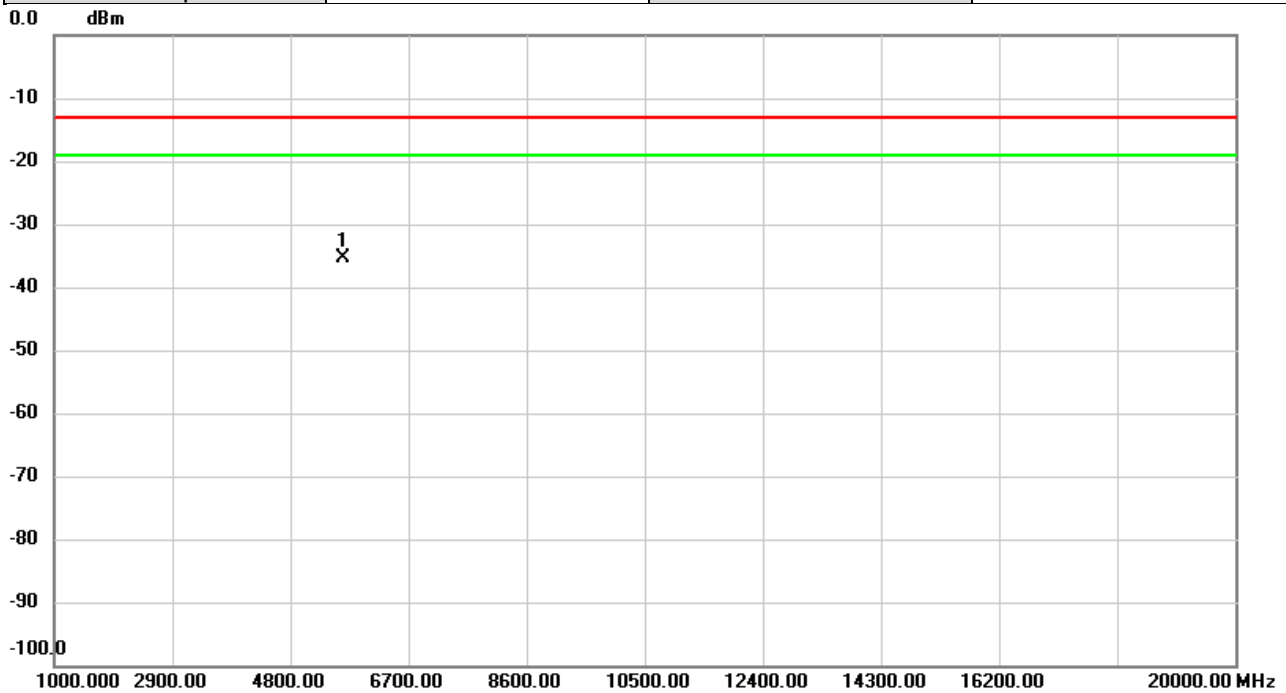


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1		60.0053	-49.47	6.97	-42.50	-13.00	-29.50	peak	
2		157.5550	-54.48	2.70	-51.78	-13.00	-38.78	peak	
3		266.2596	-60.88	-0.19	-61.07	-13.00	-48.07	peak	
4		483.3133	-68.39	11.57	-56.82	-13.00	-43.82	peak	
5	*	745.6336	-52.92	12.46	-40.46	-13.00	-27.46	peak	
6		915.8040	-75.92	14.81	-61.11	-13.00	-48.11	peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	WCDMA Band II	Test Date	2021/5/8
Test Channel	CH 9800	Polarization	Vertical
Temp	24°C	Hum.	58%

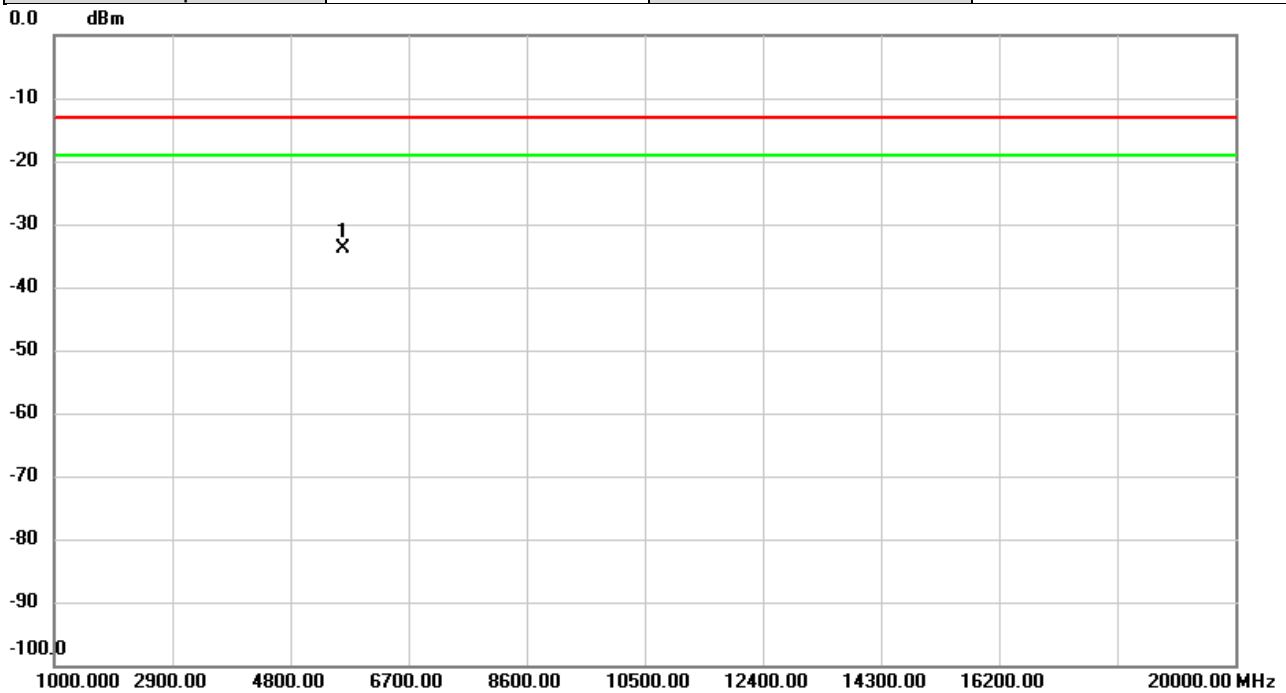


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	5636.633	-37.82	2.39	-35.43	-13.00	-22.43	peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	WCDMA Band II	Test Date	2021/5/8
Test Channel	CH 9800	Polarization	Horizontal
Temp	24°C	Hum.	58%

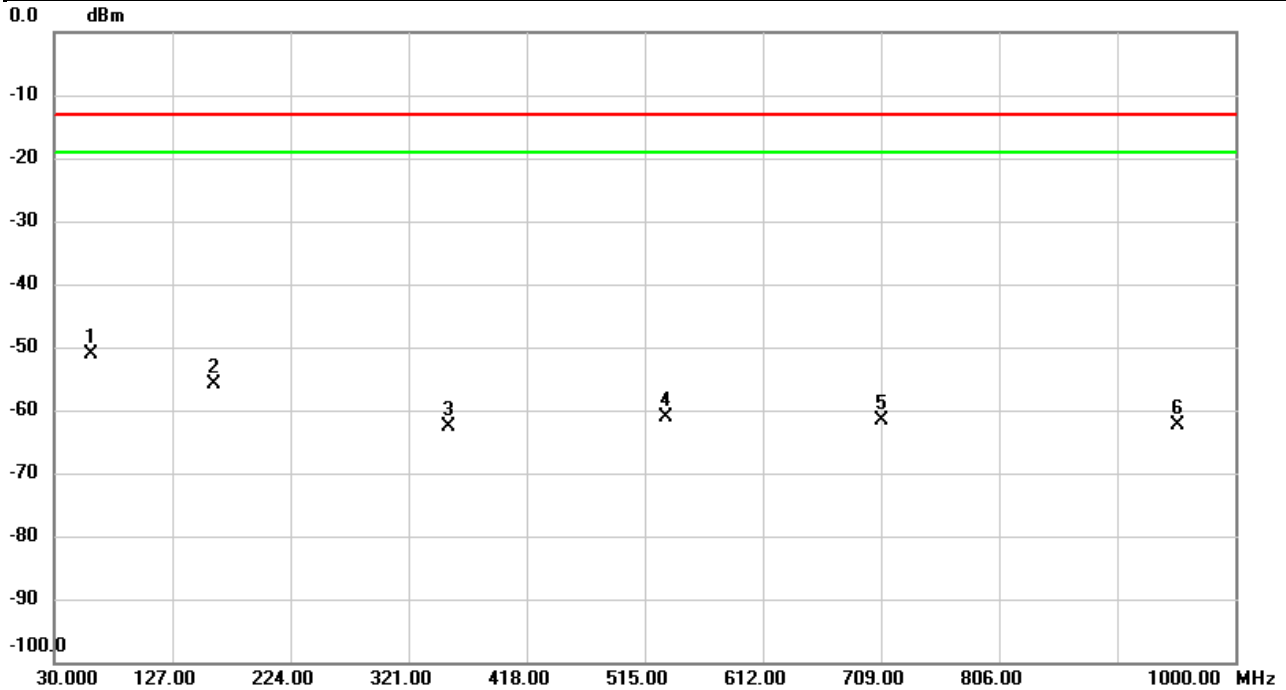


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	5636.633	-36.53	2.76	-33.77	-13.00	-20.77	peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	LTE Band 2	Test Date	2021/5/8
Test Channel	CH 18900	Polarization	Vertical
Temp	24°C	Hum.	58%

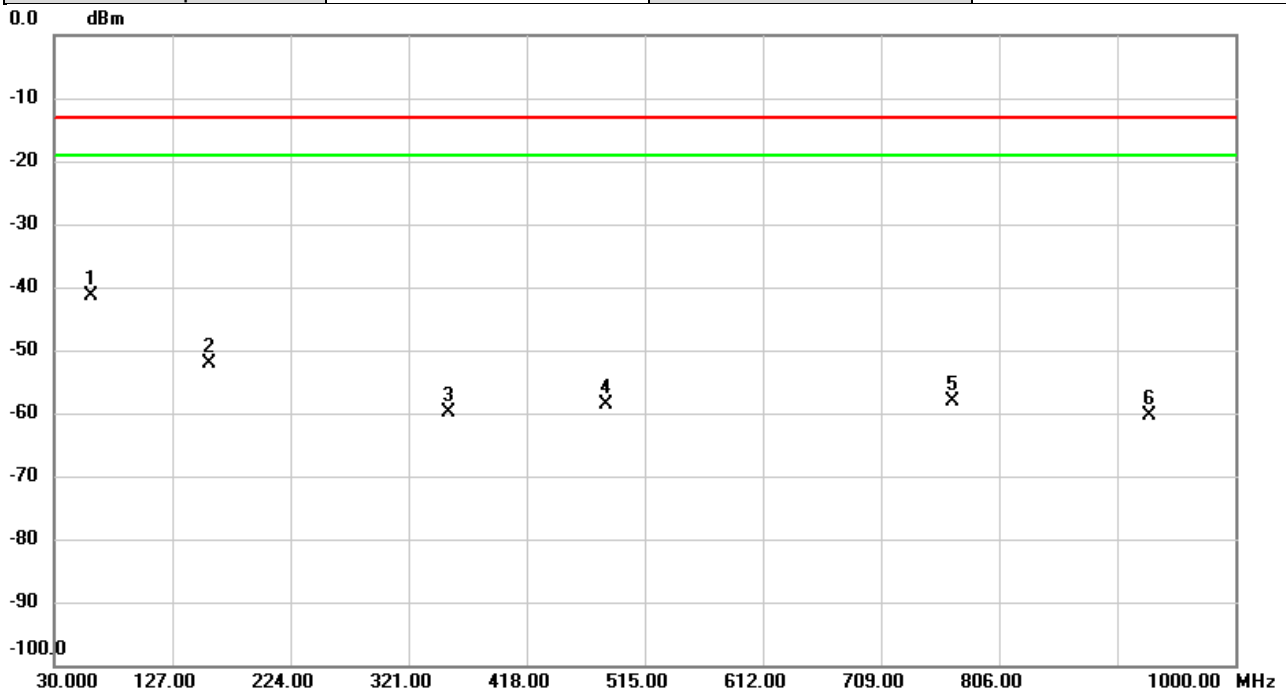


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	59.9730	-49.82	-1.33	-51.15	-13.00	-38.15	peak	
2		160.9823	-59.50	3.53	-55.97	-13.00	-42.97	peak	
3		354.4650	-68.99	6.26	-62.73	-13.00	-49.73	peak	
4		532.0072	-68.36	7.16	-61.20	-13.00	-48.20	peak	
5		709.5820	-73.99	12.45	-61.54	-13.00	-48.54	peak	
6		952.2437	-75.07	12.70	-62.37	-13.00	-49.37	peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	LTE Band 2	Test Date	2021/5/8
Test Channel	CH 18900	Polarization	Horizontal
Temp	24°C	Hum.	58%

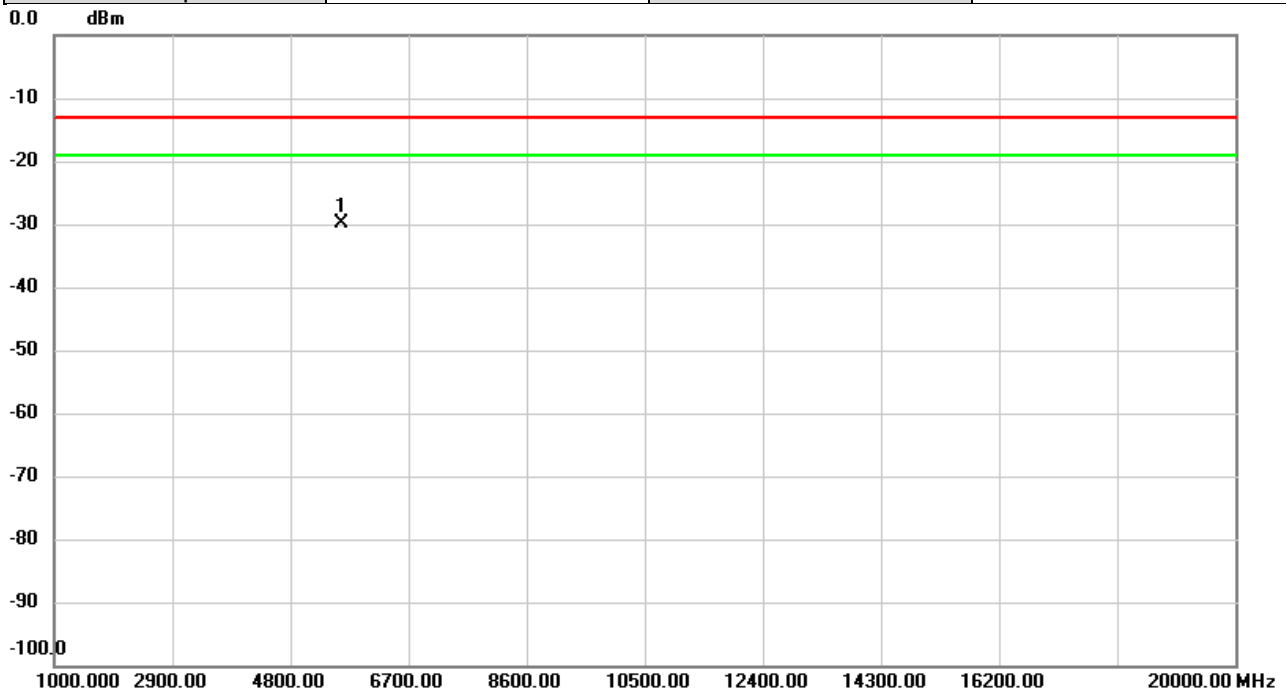


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	60.0053	-48.28	6.97	-41.31	-13.00	-28.31	peak	
2		157.7490	-54.72	2.70	-52.02	-13.00	-39.02	peak	
3		354.4650	-64.08	4.27	-59.81	-13.00	-46.81	peak	
4		482.6990	-70.19	11.59	-58.60	-13.00	-45.60	peak	
5		768.0406	-71.76	13.64	-58.12	-13.00	-45.12	peak	
6		929.9336	-74.49	14.00	-60.49	-13.00	-47.49	peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	LTE Band 2	Test Date	2021/5/7
Test Channel	CH 18900	Polarization	Vertical
Temp	24°C	Hum.	58%

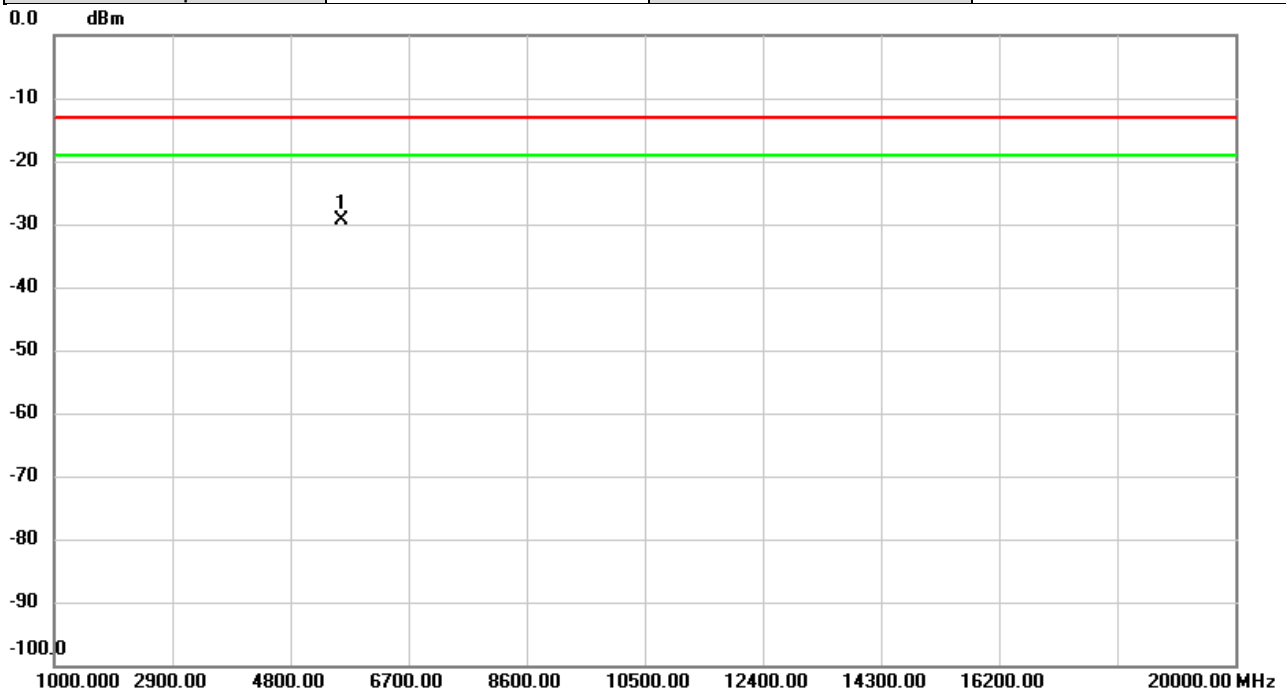


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	5613.200	-32.42	2.44	-29.98	-13.00	-16.98	peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	LTE Band 2	Test Date	2021/5/7
Test Channel	CH 18900	Polarization	Horizontal
Temp	24°C	Hum.	58%

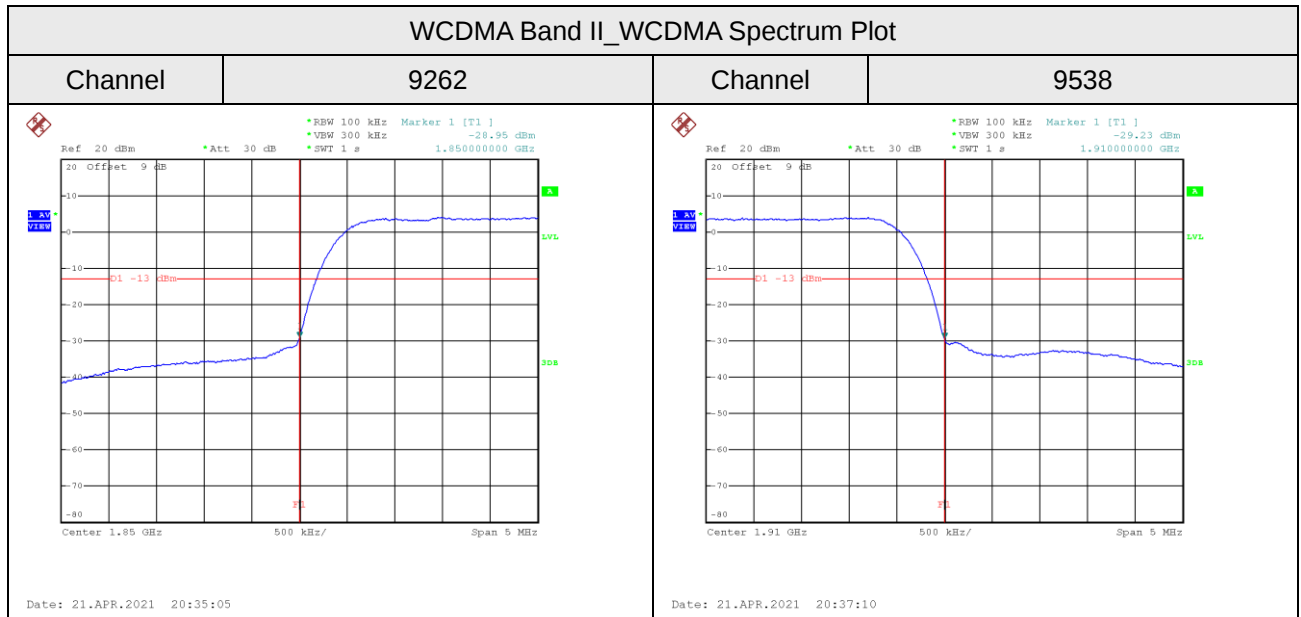


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	5613.833	-32.26	2.82	-29.44	-13.00	-16.44	peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

APPENDIX E BAND EDGE



LTE Band 2_1.4M Spectrum Plot

1RB#0

1RB#5

Channel

18607

Channel

19193



6RB#0

Channel

18607

Channel

19193



LTE Band 2_3M Spectrum Plot

1RB#0

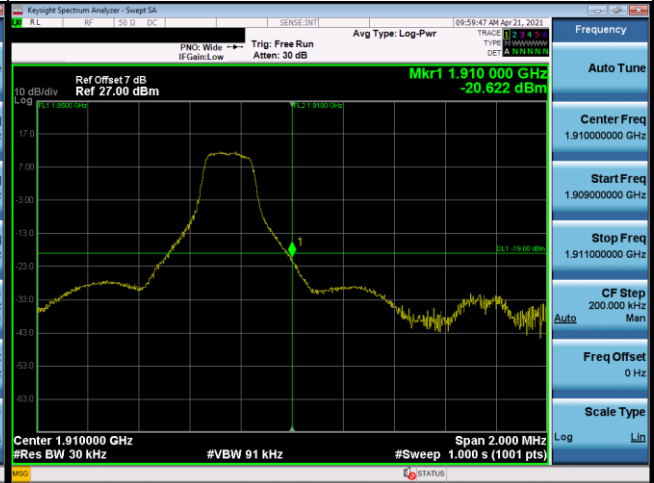
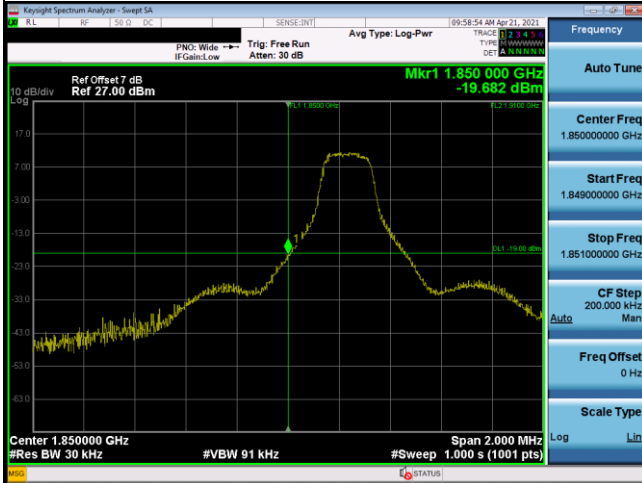
1RB#14

Channel

18615

Channel

19185



15RB#0

Channel

18615

Channel

19185



LTE Band 2_5M Spectrum Plot

1RB#0

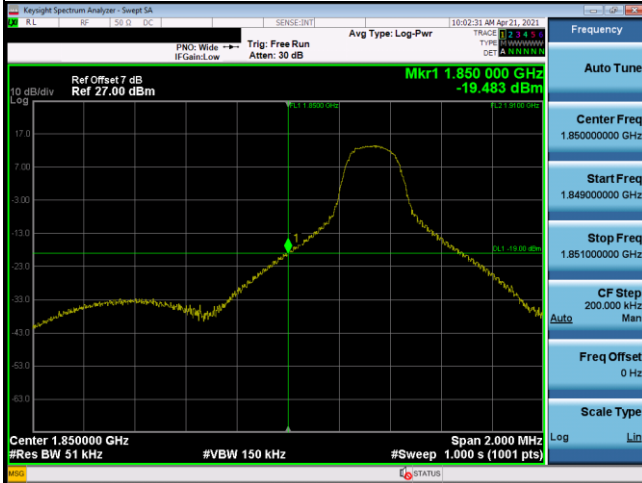
1RB#24

Channel

18625

Channel

19175



25RB#0

Channel

18625

Channel

19175



LTE Band 2_10M Spectrum Plot

1RB#0

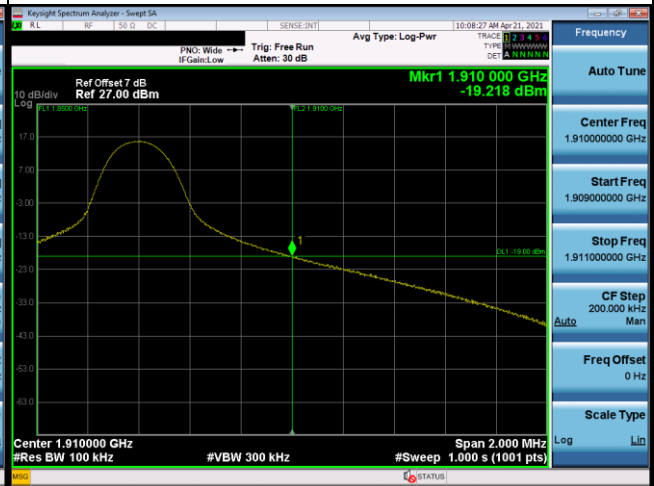
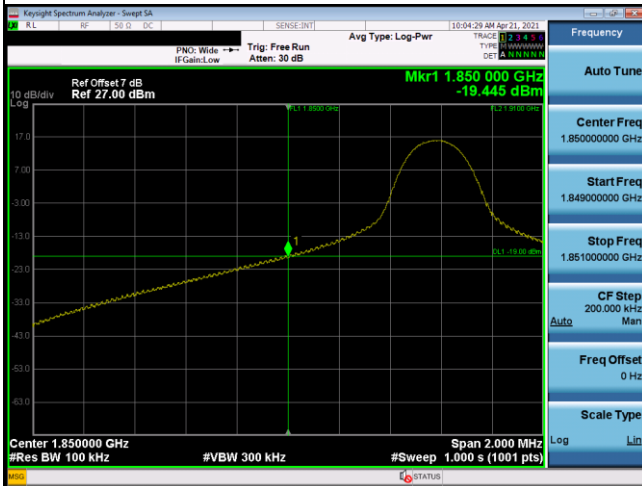
1RB#49

Channel

18650

Channel

19150



50RB#0

Channel

18650

Channel

19150



LTE Band 2_15M Spectrum Plot

1RB#0

1RB#74

Channel

18675

Channel

19125



75RB#0

Channel

18675

Channel

19125



LTE Band 2_20M Spectrum Plot

1RB#0

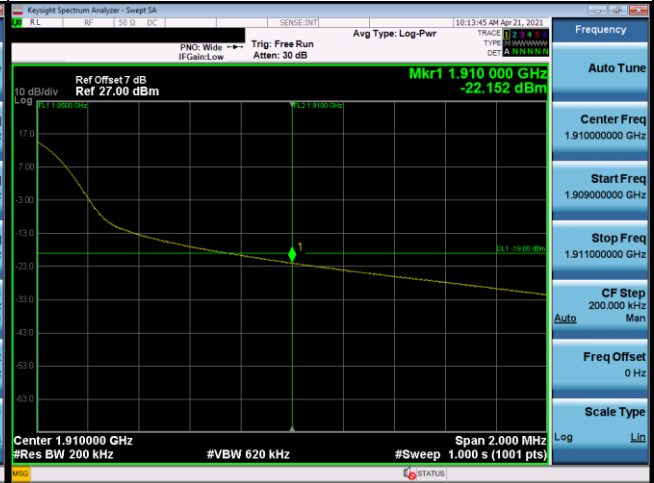
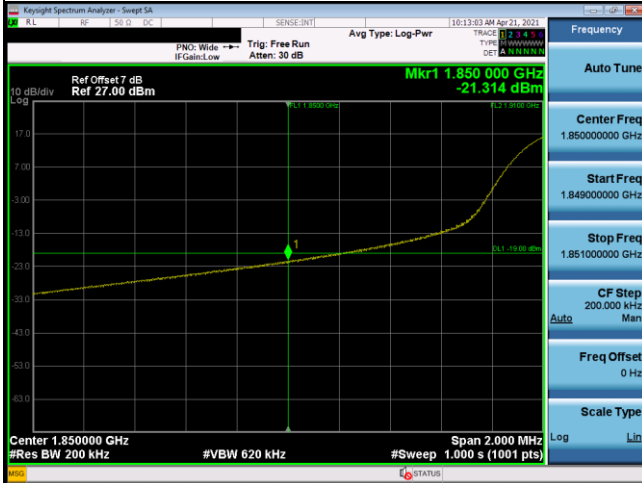
1RB#99

Channel

18700

Channel

19100



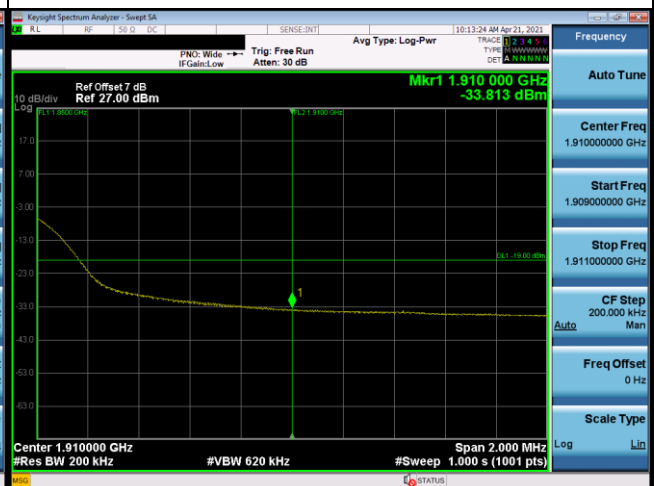
100RB#0

Channel

18700

Channel

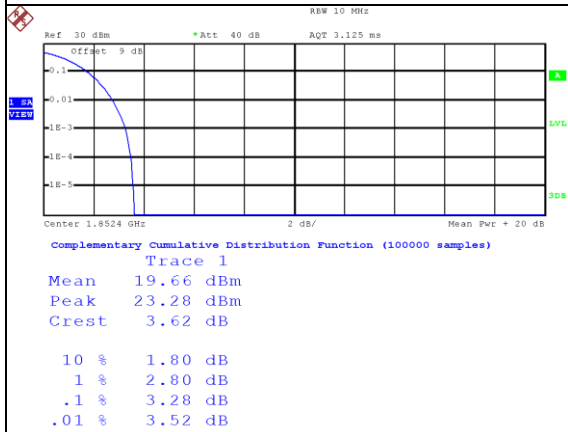
19100



APPENDIX F PEAK TO AVERAGE RATIO

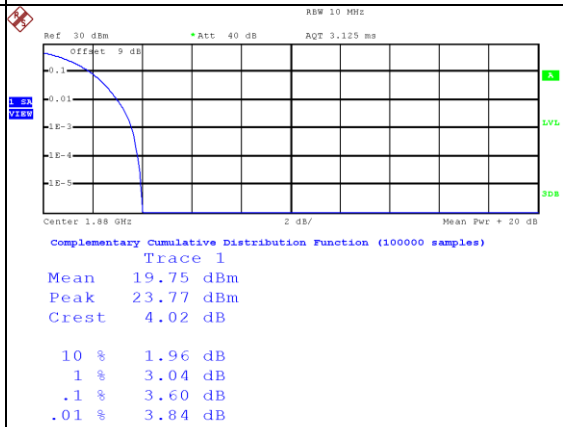
WCDMA Band II_WCDMA Spectrum Plot

9262



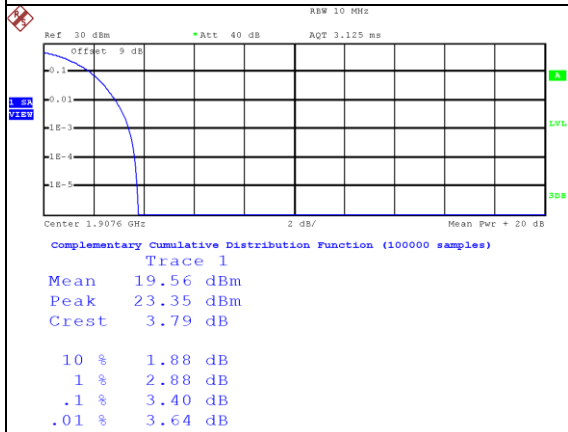
Date: 21.APR.2021 21:21:41

9400



Date: 21.APR.2021 21:22:37

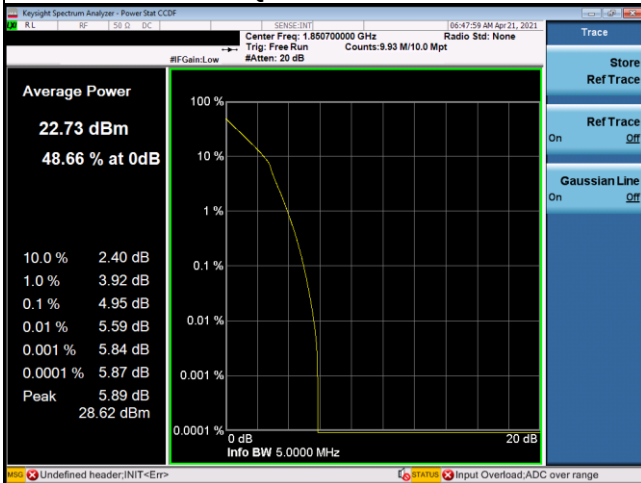
9538



Date: 21.APR.2021 21:23:27

LTE Band 2_1.4M Spectrum Plot

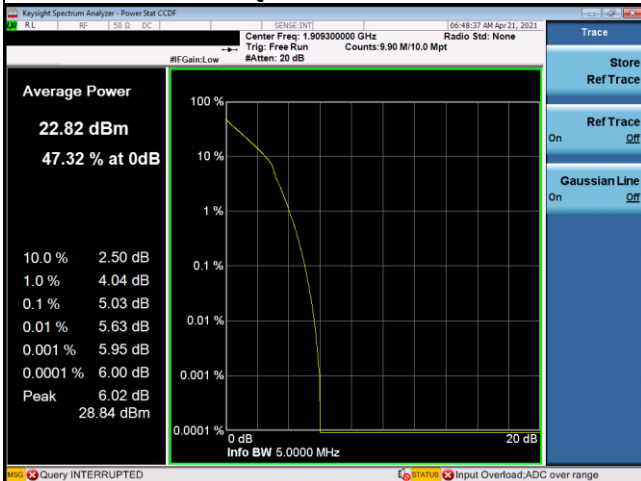
QPSK-18607



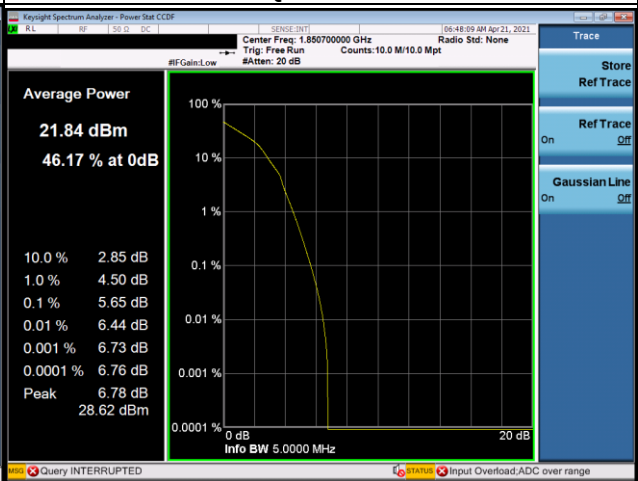
QPSK-18900



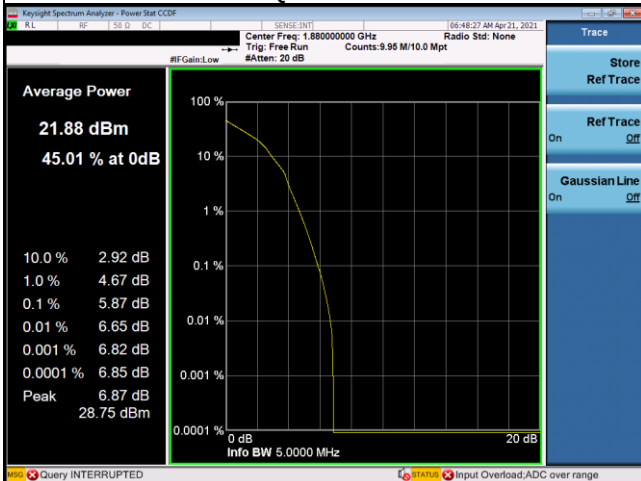
QPSK-19193



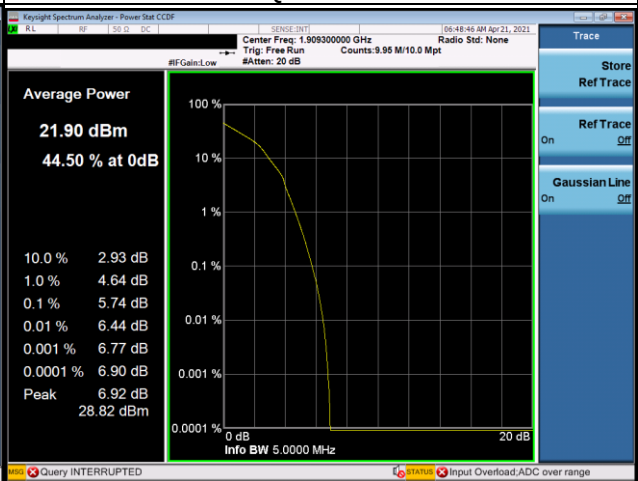
16QAM-18607



16QAM-18900

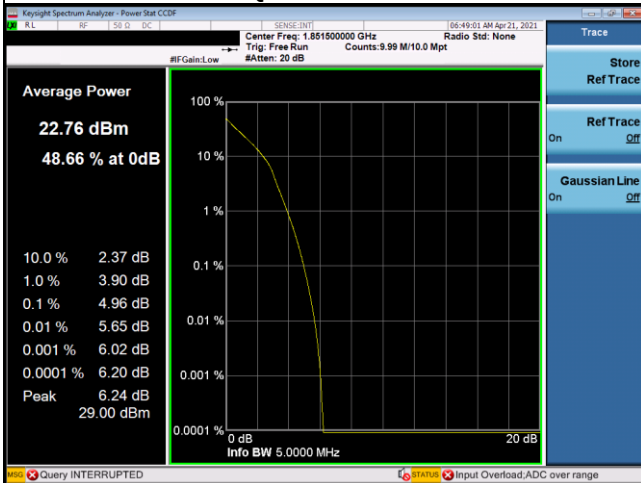


16QAM-19193



LTE Band 2_3M Spectrum Plot

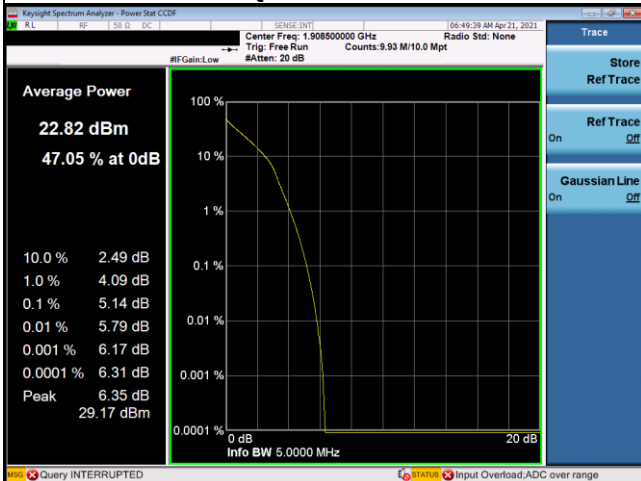
QPSK-18615



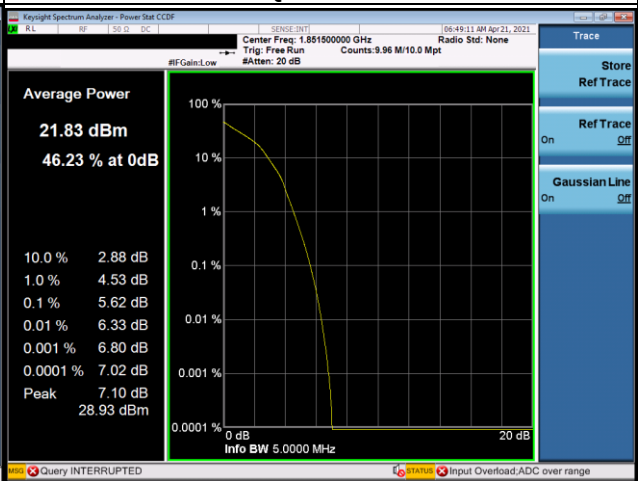
QPSK-18900



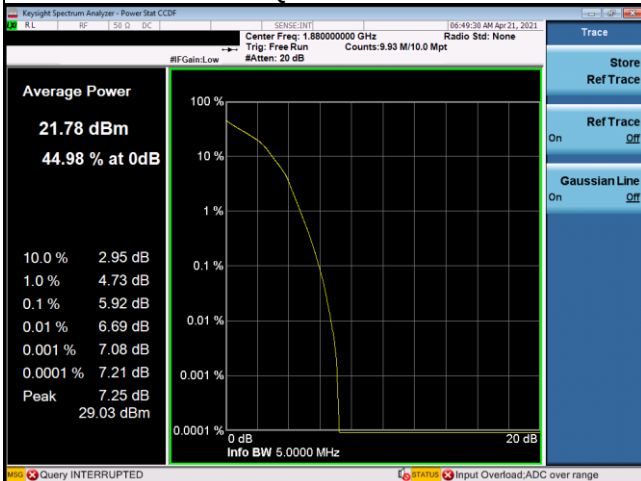
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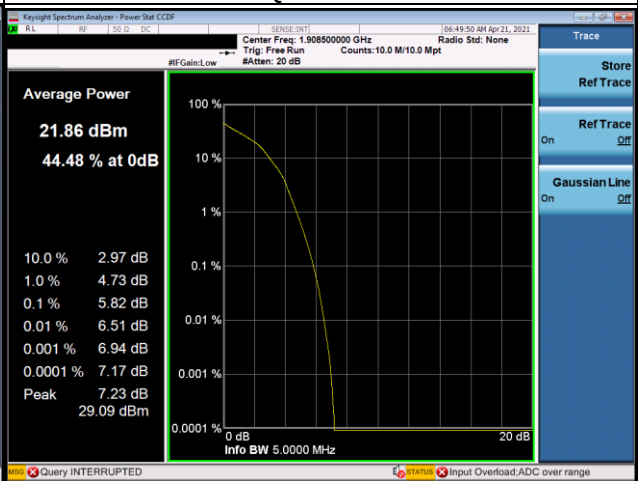
16QAM-18615



16QAM-18900

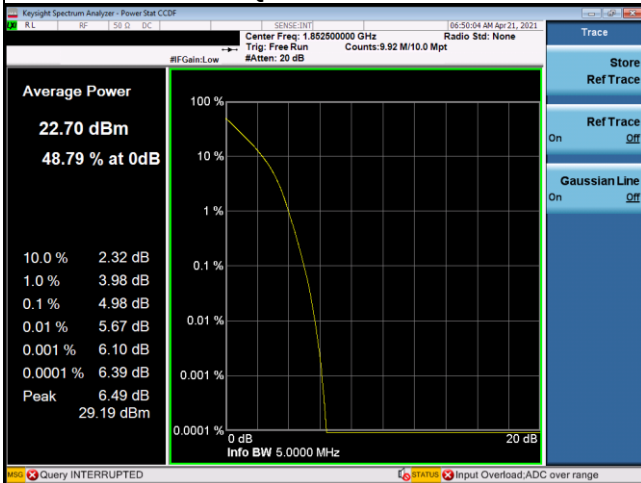


16QAM-19185



LTE Band 2_5M Spectrum Plot

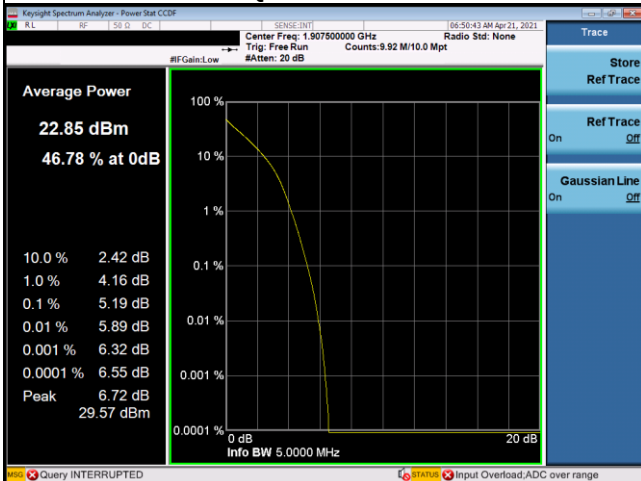
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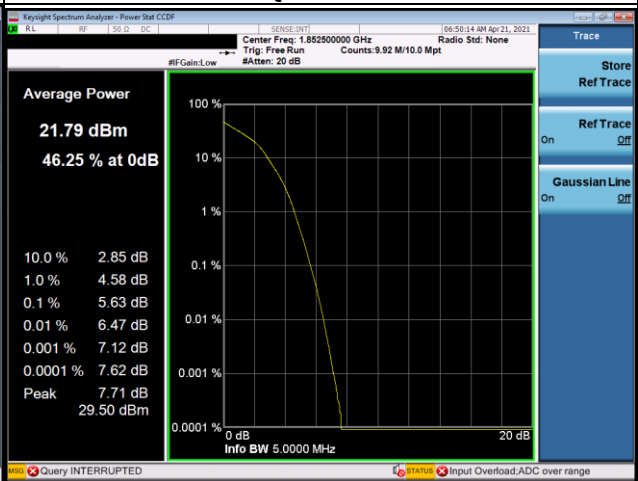
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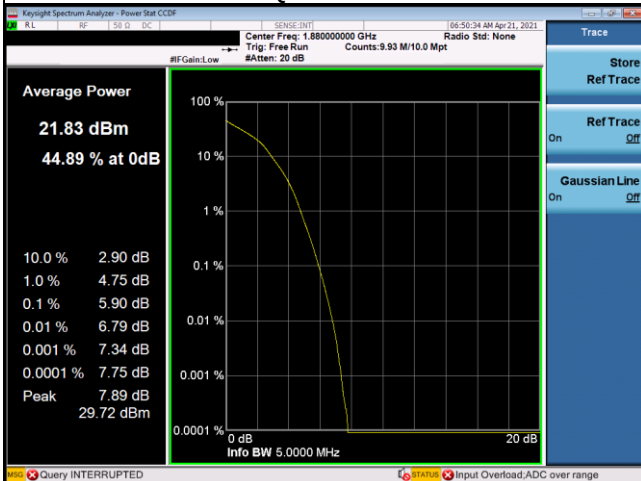
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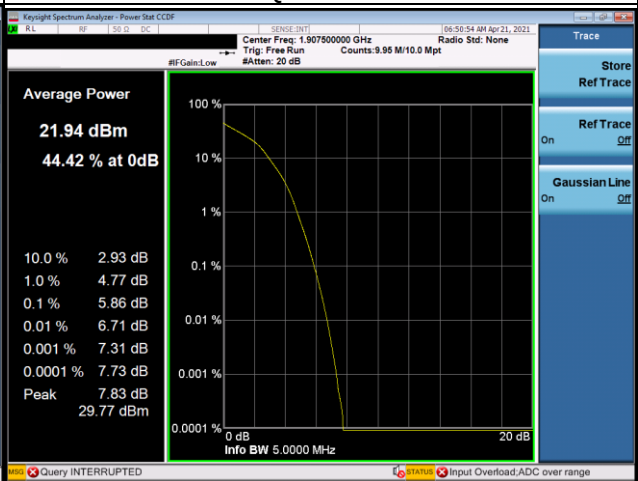
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16QAM-18900

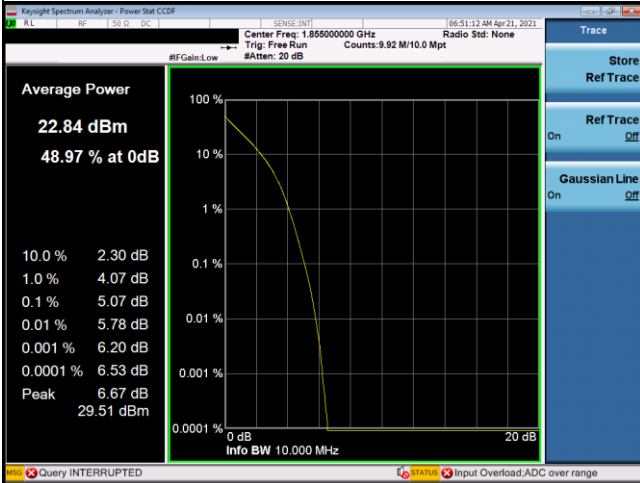


16QAM-19175

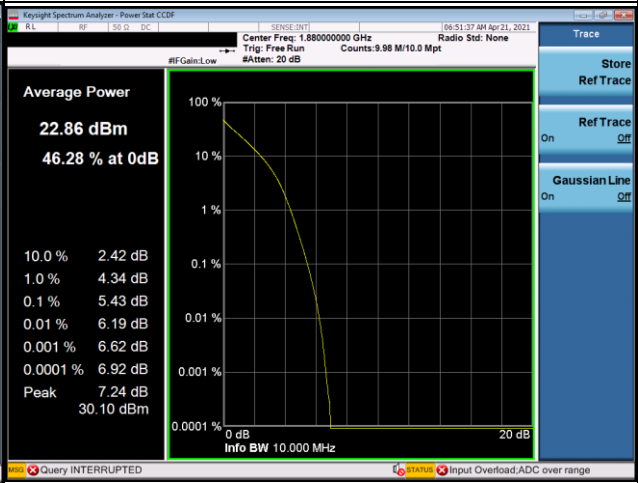


LTE Band 2_10M Spectrum Plot

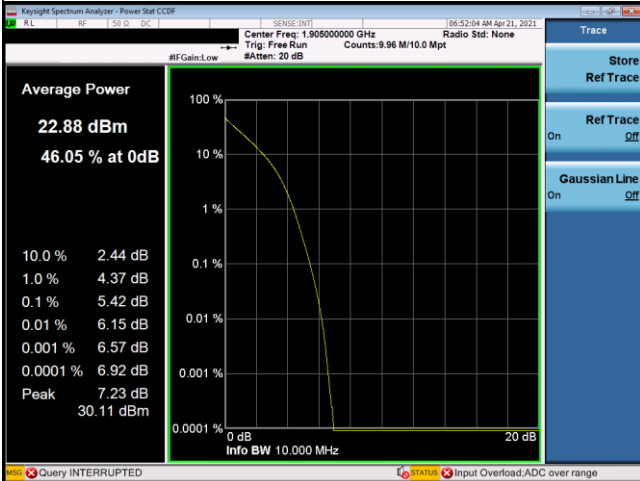
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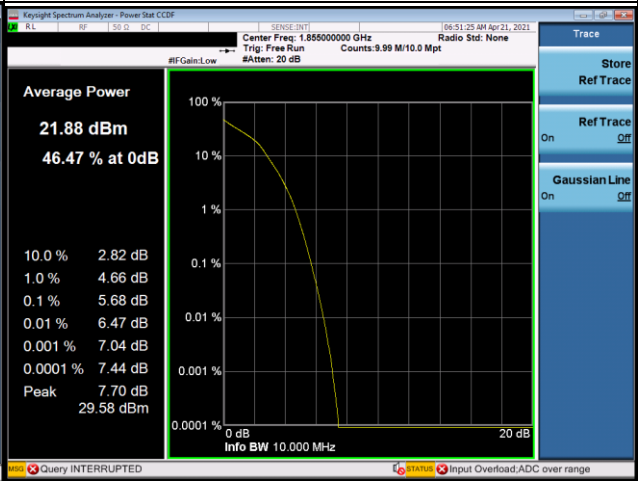
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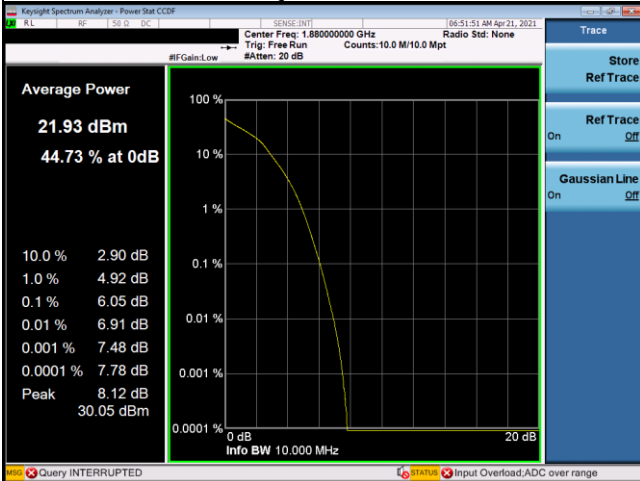
QPSK-19150



16QAM-18650



16QAM-18900



16QAM-19150

